Operations have been carried on in this field for twenty years.

The Boulder oil fields produced during 1908 96,000 barrels, worth \$75,000, a marked increase over the 1907 record. An important well, No. 13 of the Inland Oil Company, has just started up with 250 barrels daily.

The tungsten fields in Boulder county. Col., have a capacity of \$1,000,000 yield yearly, with prices equal to those of 1907, when the product reached \$530,000. It is significant that the production already achieved has amounted to 80 per cent. of the output for the United States. The only other States producing this ore are Montana, Utah, Arizona, California, Idaho, South Dakota, Washington and Wyoming. The record for the United States as taken from geoloogical surveys is as follows:

Ave. Val. Value. \$11,040 27,720 38,112 43,639 184,000 257,463 443,150

GOLDEN COLORADO RECORD Hill, Boulder, Col., is in ore one grade of which runs \$140 a ton and another \$740. The ore is found in the 1,000 foot level.

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has outstanding bills of \$18,000 and assets of about \$8,000.
REVOLITE, Jan. 7.—The Montgomery Shoshone glory hole ore deposit improves with development. The surface work is being extended in three directions opening up a glory hole of great proportions. Meanwhile from the old shaft a continuous body of ore has been opened on the 200 level nearly 200 feet in length. Three raises have been made from the 200 level west, the third being 175 feet west of the old shaft, and all are in solid ore.

MONTANA BUTTE, Jan. 6.—The December copper production of the Butte district amounted to 29,063,430 pounds, as follows:

Tons of Pounds of 7076 07 776. 106,400 114,700 20,925 17,112 12,400 13,640 43,710 32,550 28,675 7,750 6,200 Companies.
Beston and Montana.
Anaconda.
Butte and Boston....
Washoe....

LAKE SUPERIOR COPPER.

HOUGHTON, Jan. 9.—The Kewsenaw Copper Company's activity in the Mandan mine is beginning to show results. Drifting discloses pay ground at several points below the seventh level, but it is in the so-called North vein that the best showing is had. The general condition of the mine is much better than it was six months ago. The ground reserves have been materially added to and more and better copper rock is exposed, but none of the rock is exceptionally rich in copper and at best the Mandan mine is a low grade proposition. The stamp mill is *berating steadily and a small rock tonnage is being milled with apparently good results. The company is outputting around 45,000 pounds of fine copper monthly.

apparently good results. The company is outputting around 45,000 pounds of fine copper monthly. Hancock's big vertical shaft is sinking below the fourteenth level. The crossout driving at the thirteenth level to connect shaft vertical shaft with the older incline is progressing at the rate of 200 feet monthly and should afford the desired connection by April. The company is compelled to do a considerable amount of "dead work" in opening the mine for production and only a limited amount of time and attention has been devoted to the creation of ground reserves.

The Winona Copper Company continues of confine its operations to development work. The ground reserves have been increased materially and a fair grade of copper rock is in evidence. Developments in the No. 3 shaft are especially encouraging. The mine is in good physical condition and sufficiently opened shead to supply 1,000 tons of rock daily should milling be resumed this summer, of which there is some talk but little likelihood. The electric hoist is regularly in service and working satisfactorily.

The Arcadian stocknolders at their annual meeting failed to take any action on the proposed reorganization, the necessary two-thirds stock representation not being present. The sale of the company's interest in section 16, where the discovery of what is believed to be the Baltic lode was made recently, also failed of ratification for the same reason. After reelecting the retiring directors the meeting was adjourned until February 25. No especial effort was made to secure proxies for the last meeting. The stock is widely scattered, being held by between 1,500 and 2,000 persons. The largest individual holding is 6,200 shares. Boston stockholders hold the largest interest.

Mining operations by the Victoria Copper Mining Company were interrupted for several days owing to the premature explosion of several hundred pounds of giant powder stored under ground. The shaft was partially wrecked, but has been repaired sufficiently to permit hoisting through it. No fat

ARIZONA. BISBEE, Jan. 4.—It is reported that the Superior and Boston Company will build a smeiter in the Globe district. This company is shipping much high grade ore to the smeiter at hi lass. It is now opening up a rich body of ore below the 450 Ioot level of its Great Eastern mine at Globe.

A large body of rich ore was recently encountered in the Peacock mine in the Benson district. The ore runs Iour-tenths cunces gold, 20 ounces silver and 20 per cent copper.

cunces gold, 20 ounces silver and 20 per cent copper.

The main shaft of the Christmas Gift mines near Casas Grandes is to be sunk to a depth of 450 feet. It is now down 350 feet. Drifting will be done on the 450 foot level. A large amount of new machinery will be installed.

The Arizona Smelting Company, according to trustworthy information, will soon put its smelter at Benson in operation. This plant was built by the Southwestern Smelting Company several years ago, but

See a state of the form of the seed of the

cludes the extraction of ore on the upper ganized recently to operate in that dis-levels, further development and the sinking trict.

A large force of men has been put to work A large force of men has been put to work on the Sam Carlos mine in the Taylohe dis-trict, Oaxaoa. Heretofore easy the richer ore has been extracted from the mine. ALASKA.

BRATTLE, Jan. 2.—The first news from the upper Percupine as received yesterday in Dawson, according to a despatch from there, is a letter from Angus Thompson, an old time Klondiker who left in the summer for Rampart House, on the Porcupine, in company with Daniel Cadzow, the trader at that point.

Thompson wrote on November 14 and said that Cadzow was to leave two days later for Firth River and Herschel. Cadzow's partner, Jim Smith, has been prospecting on Firth River and Herschel. Cadzow's partner, Jim Smith, has been prospecting on Firth River as year or more, and reports of the finding of gold have been drifting in from that district for months, but nothing tangible ever has come back to startle the world. Thompson writes that he and Archie Linkitzer, formerly of Dawson, will ge from Rampart House to Firth and Herschel about April 1, when Cadzow should be back to Rampart.

More than twenty prospectors, says Thompson, passed Rampart House on the way up the Porcupine last season. They were bound into the vast country beyond, some perhaps for the Arctic slope. With this number of hardy prospectors in the country it appears as if the upper Porcupine probably will receive more attention from the pick and shovel artists this winter than ever before in the history of the country.

The Arctic slope, being the most remote

than ever before in the mistory of country.

The Arctic slope, being the most remote part of this continent, naturally is the last to receive attention from the prospector, but now that he is moving on the last border his occupation may become permanent, and from tales of the existence of gold in the region it may be that a rich placer field will be opened beyond the Porcupine divide.

field will be opened beyond from Herschel divide.

The next definite news from Herschel or Firth probably will come in care of the Royal Northwest mounted police on their return to Dawson from the Dawson-Macpherson-Herschel patrol late in the present

The next definite news from Herschel or Firth probably will come in care of the Royal Northwest mounted police on their return to Dawson from the Dawson-Macpherson-Herschel patrol late in the present winter.

Thompson writes that Cadzow's outer that was fifteen days being conveyed up the Porcupine. It was taken in two bateaux, carrying a total of eleven tons, and with six Indians on the towline of one and seven on the other. Twenty-two persons journeyed up the river with the outfit, among them being a woman and two children.

A despatch from Dawson vesterday says. "The strike on Barker Creek is causing one of the biggest stampedes in the country for months. At noon to-day thirteen applications had been received at the gold office for claims, and some of the applicante report that all the men of Black Hills Creek have gone to the scene of the strike and that their applications should be showing up here before long.

The new find is on Dixie Creek, a tributary of Barker at 14 below discovery, on the left limit. Thinking that the pay on Dixie must continue below the mouth of the stream, the stakers are placing their posts on lower Barker below the mouth of Digie. It is understood quite a number are going down the stream.

"Dixie is said to head in a dome near the source of Thistie, and it is thought the Thistie gold virtually comes from the same ridge as that of Dixie. The discoverers of Dixie are said to have shown large nuggets, some running 75 cents or more in value."

From present indications Fairbanks Creek will be a bigger producer next summer than ever. For some days there has been a considerable stampede to Fish Creek, just above the mouth of Fairbanks, where some good pay was found.

MARINE INTELLIGENCE.

MINIATURE ALMANAC THIS DAY. Sun rises. 7:19 Sun sets. . . 4:49 Moon rises . 9:1 Sandy H'k 10:19 Gov. Island .10:51 Hell Gate. .12:14

Arrived—Sunday, January 10, a La Brotagne, Havre, Jan. 2, is Chicago City, Swansea, Dec. 23, is Buenos Aires, Genos, Dec. 23, is Buenos Aires, Genos, Dec. 23, is Suenefela, Calcutta, Nov. 18, is Valetta, Frontera, Dec. 20, is Vandarial Schley, Port Antonio, Jan. 5, S. Jolando di Giargio, Port Antonio, Jan. 6, S. City of Atlanta, Savannah, Jan. 7, is Iroquola, Jacksonville, Jan. 7, is Arapahoe, Jacksonville, Jan. 7, is Nueces, Mobile, Jan. 2, is Princess Anne, Norfolk, Jan. 9, is Delaware, Philadelphia, Jan. 9, is Delaware, Philadelphia, Jan. 9. Arrived-SUNDAY, January 10.

Ss New York, at Southampton from New York.

Ss Carmania, from Queenstown for New York. Ss Pennsylvania, from Boulogne for New York. Ss Furnessia, from Moville for New York. Ss Minnebaha, from Southampion for New

POPE MANUFACTURING COMPANY.

To Depositors of First and Second Preferred Stock under the plan and agreement of reorganization dated July 18. 1908. Notice is hereby given that stock trust certifi-cates representing preferred and common stock of The Pope Manufacturing Company are ready for distribution to depositors upon the presenta-tion of their certificates of deposit property endorsed in blank, at the office of Central Trus Company of New York, 54 Wall Street, New York Dated January 2, 1909.

HARRY BRONNER, FREDERICK H. ECKER, AUGUST HECKSCHER, Committee,

Committee.

SINKING FUND NOTICE.

BULUTH. MISSABE AND NORTHERN
HAILWAY COMPANY
First Consolidated Mortgage Bonds.
dared January 1st. 1893.

The CENTRAL TRUST COMPANY of New York
gives notice that in accordance with Article V. of
a certain indenture made by the above Hailway
Company, dated January 1, 1883, it will receive
scaled proposals to sell the above-described bonds
at a rate not to exceed 165 per cent. and accrued
interest, the total offer not to consume more than
the amount of One hundred and thirty-one thousand three hundred and twenty-five 35-100 dollars
(1813,326,38). The scaled proposals will be opened
at the offee of the Central Trust Company of New
York, in New York City, at twelve o'clock noon,
on the 18th day of January. 1809.

CENTRAL TRUST COMPANY OF NEW YORK.

Trustee.

By J. N. WALLACE, President
New York, January 6th, 1909.

HOPE DEFERRED IN RAILS.

Still Orders for 3,500,000 Tons in the Year Are Hoped For-Pittsburg Busier.

PITTSBURG, Jan. 9. Optimists still figure the railroads taking as great a tonnage this year as they did in 1907, of which fully 2,000,000 tons will be placed early in the

on the railroads taking as great a tonnage this year as they did in 1907, of which fully 2,000,000 tons will be placed early in the first quarter and the rest before the close of the third. This will mean close to 3,500,00 tons for the year. There is a greater demand for open hearth steel rails that be increased in the mills are equal to the occasion. During the last week the Care register of the edgar Thomson works, bringing the open hearth steel ingots from the lonestead plant to Braddock.

The Republic Iron and Steel Company has had to close one of its Haselton, Ohio, blast furnaces for repairs, but it will be last furnaces for prepairs, but it will be plant strated and plants in the Mahoning Valley are in full operation, and in other sections of the country it is running near capacity.

The American Sheet and Tin Plate Company and attred the steel plant and the same of the sheet plant at Vandergrift on January 14 and during the week was operating 111 in sheet mills, close to 70 per cent. of capacity. The company also got its Chester 7 mill in plate plant started and at the end of the week was running 135 tin plate mills. The only structural steel contaget of any consequence let since Januay 15 the Week was running 135 tin plate mills. The only structural steel contaget of any consequence let since Januay 15 the Pittaburg district was that for the Buildings of the Crane-Best Company at Capacity. The company at loading and Marshall, were blown in last week. The pig iron production for December reached 1,731,035 tons, a gain of 150,594 tons compared with November and the shighest production of any month in the shighes

shighest production of any month in the year.

Prices of standard bessemer and foundry iron were somewhat weaker, but malleable bessemer has stiffened. One Pittsburg consumer bought 1,000 tons of malleable and another 500 tons for delivery in the first half around \$16 at furnace. An inquiry is in for several large lots, and there also is an inquiry for about 3,000 tons of basic iron. A Milwaukee custings company is in the market for 500 tons of standard bessemer for delivery in the first five months.

For prompt shipment (urnace coke can be had at \$1.85 and foundry at \$2.10.

Pig iron quotations for first quarter delivery are: Standard bessemer, \$16.50; malleable bessemer. \$16.50; to \$15.75; No. 2 foundry, \$15.50 to \$15.75; No. 2 foundry, \$15.50 to \$16.50; gray forge, \$14.50 to \$15.78; all f. o. b. valley furnaces.

RIFLE SHOOTING TOPICS. Important Matters Will Be Discussed This Week in Washington.

WASHINGTON, Jan. 10.—This week there will be three meetings in Washington of importance to the National Guard throughout the country, and especially to those interested in rifle shooting. The first will interested in rifle shooting. The first will interested in rifle shooting of the board of PUBLIC NOTICE IN HEREBY GIVEN that the position of SELECT APARTMENTS. WASHINGTON, Jan. 10.-This week there be the annual meeting of the board of directors of the National Rifle Association, which takes place on Wednesday evening. On the following day the National Board for Promotion of Rifle Practice will hold its annual meeting in the office of Assistant Secretary of War Oliver, president of the board. On Friday the National Militia Board meets in its rooms in G street, where the militia division of the War Department is located. National Guardsmen from all good A M 1000 A M 1000

of the association for the coming year will be elected. It is not expected there will be any change in the roster, with the possible exception of the executive committee.

One of the most important subjects to be considered is the international rifle meeting under the auspices of the association to be considered in the coming year will be pitals.

The requirement of citizenship is waived for this examination.

Salary, \$720 to \$1,500 per annum.

Minimum age, 21 years.

For further particulars apply to the secretary.

COBALT CENTRAL MINING NEWS BUREAU

SAMPLE COPY PREE
CATLIN & POWELL CO.
STATE OF STORY OF ST

COPPERS SYBEKS

In Our No. 5. Now Ready. Edition Limited. WEIR BROS. & CO., 25 Bread St., New York. COPARTNERSHIP NOTICES.

NOTICE IS HERBY GIVEN that the firm of ROTH & ROTH, heretofore composed of LOUIS ROTH and MAX ROTH, has dissolved, and that MAX ROTH will continue the business heretofore conducted by the said firm at No. 20 Desbrosses street, New York City, and that he has assumed the payment of all its debts and obligations, having taken over and received all of its assets. The firm name of Roth & Rothmay be used by the said MAX ROTH on labels up to January 1st, 1910. The said firm name shall in no other way be used by the said Max Roth.

Dated New York, December 17th, 1908.

LOUIS ROTH,

Witness, CHARLES L. HOFFMAN.

City and County of New York, as.:
On this 17th day of December, 1808, before me personally came and appeared LOUIS ROTH and MAX ROTH, to me known and known to me to be the individuals described in and who executed the foregoing instrument, and they duly severally acknowledged to me that they executed the same.

BENJAMIN GROSSMAN,
Commissioner of Deeds, New York City.

PROPOSALS.

on for bidders, form of proposal, forms of concontract and bond approved by the Corporation
counsel lithographs of the contract drawings,
and the specifications, can be obtained at the
office of the Aqueduct Commissioners on application in person or by mail.

JOHN F. COWAN, President
HARRY W. WALKER, Secretary.

WATER AND SEWER CONNECTIONS—Fort Hancock, N. J., January 7, 1909.—Sealed proposals for installing water and sewer connections to 1 double set of N. C. O. quarters and 2 double sets of Firemen's quarters at Fort Hancock, N. J., will be received here until 2 P. M., January 21, 1909, and then ouened. Information turnished on application. U. S. reserves the right to reject any or all bids. Envelopes containing proposals should be indersed, Proposals for Water and Sewer Connections, addressed W. J. HAWKINS, Constructing Quartermaster. PROPOSALS FOR PONTON WAGONS Wash-

ington Barracks, D. C., Jan. 4, 1906. Scaled pro-posals for furnishing 40 Ponton Wagons will be received here until 12 M., Feb. 9, 1969, and then pileation. W. C. LANGTITT, Liqut-Col., Engrs. DEPARTMENT OF DOCKS & FERRIES. Scaled estimates for furnishing Coal for the 59th Street Ferry (Contract 1165) will be received by the Commissioner of Docks at Pier A. Battery Piace. until 12 o'clock noon. January 21, 1909. (Por particulars see City Record.)

The strategy of the strategy o

INCOME and Safety Best Combined 4% or 41/2%

CITY REAL ESTATE.

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186 Montague St., Brooklyn.

S BEEKMAN ST. NEW YORK Geo. R. Read & Co. REAL ESTATE

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PLOYD S. CORBIN, 10 WALL ST. BOROUGH OF BROOKLYN-FOR SALE. OWN YOUR OWN HOME—\$10 men thly and in-terest buys 6 Jay st., Maspeth; odly \$2,000; \$500; asb; 5c. fare; 25x100, 2-atory, cellar, 5 rooms; water, tubs, gas; key heat door, HENRY G. YOUNG, 1162 Liberty av., Brooklyb.

REAL ESTATE LOANS. 4%

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Full particulars with

BRYAN L. KENNELLY Agent.

158 BROADWAY. N. V. Tel. 1247-Cort NEW JERSEY REAL ESTATE FOR SALE

FOR SALE—Owner going abroad wishes a purchaser for his suburban residence: situated about ten miles from New York; excellent trais service; an ideal home, with park surroundings, intended to be seen to be appreciated. Address OUT. WATER, 15 Exchange Place, Jersey City, N. J. PREE EXCURSION Sunday, Jan. 17, to Jersey Manor, Stelton, N. J.: boat leaves Cortlandt of 23d st.. Penn. R. R. ferries, 12:40; free tickets from men wearing white badges of W. C. REEVES & CO., 124 Past 23d st., New York city.

ELEGANT 20 room house, with 7 acres of ground, given away absolutely free. Write J. W. NORTON, 140 Irving st., Rahway, N. J., a. REAL ESTATE.

\$3,000 TO \$10,000 A YEAR to several men of sufficient calibre to successfully pre-

SELECT APARTMENTS. AROVE 14TH ST., WEST SIDE. 133-145 West 145th st.-4 rooms, bath; new building; moderate rents; apply on premises.

SUITES of 9 and 10 rooms; 44 West 18th at: MORTGAGE LOANS \$25,000 to loan at 412% on flat house. DUROSS.

PAWNBROKERS' SALES.

I. L. FIRUNKI. Auct., 70 Bowery, at 10 A. M.;
Jan. 11—B. Gutter & Son; jewelry.
Jan. 12—M. Bruckheimer, 1970 and av., formerly
181 East 198th st.; diamonds, watches, jewelry
181 East 198th st.; diamonds, watches, jewelry
182 escription pledged prior Jan. 1, 1908, to No.
25650, and all older dates. M. & E. Bruckheimer,
2508 2d av. piedged from Nov. 1, 1907, to Jan. 4,
1908, Nos. 45650 to 500, and all goods held over,
Jan. 18—Wm. Simpson & Co., 151 Bowery; all
diamonds, watches, jewelry, goods every description pledged prior Oct. 1, 1907, to No. 34500,
and all older dates that have been kept over,
Jan. 14—D. Fry. 276 Bowery; all diamonds,
watches, jewelry, goods every description pledged
prior Jan. 4, 1908, to No. 97000, and all older dates,
Jan. 18—Goldstone Bros., 518 6th av.; all diamonds, watches, jewelry, goods every description
pledged prior Jan. 2, 1908, to No. 92824, and all
older dates held over.

CENTEALA UCTION CO., M. Sacchan, Aug-

One of the most important subjects to be sonsidered is the international rifle meeting under the auspices of the association to be held in September next. Ninetcen nations have been invited to participate, and it is hoped the meeting will be the most successful ever held. From \$10,000 to \$20,000 will be necessary to handle this match properly and the money must be raised by popular subscription.

Another question is the time and place for the next annual meeting of the association will be accepted.

Another question is the time and place for the next annual meeting of the association received by the Commission by mail or tonewise, after 4 p. M. on January 18 will be accepted. The variety of the National rifle matches, which are another causes the opinion is expressed that it would be wise to separate the two meetings. Others hold opposite views, and an interesting discussion is expected. The variety of the National Hifle Association also will be called tryon this year to replace several valuable tropsession of the winners at the meeting at Camp Perry, in August 18st.

For further particulars apply to the secretary. Specifical commission is expected. The work of the next annual meeting of the Association of the National rifle matches, which are an other causes the opinion is expressed that it would be wise to separate the two meetings. Others hold opposite views, and an interesting discussion is expected. The work of the National rifle practice. The commission of the National matches and other causes the opinion is expressed that it would be wise to separate the two meetings. Others hold opposite views, and an interesting discussion is expected. The work of the next in many applications are proposession of the winners at the meeting at Camp Perry, in August 18st. JOS. SHONGOOD'S SONS, Auctrs., 24 Bowery, by Julius Shongood, Auctioneer;
Jan. 11—Clothing, &c., i., Schleber, 1821 2d av.
Jan. 12—Clothing, &c., Nos. 2008 to 31584,
pledged to Jan. 1, 1908; H. S. Isaacs, 2486 8th av.
Jan. 13—Diamonds, watches, lewelry, &c.,
all goods pledged prior to Jan. 4, 1908; M. Berdstein, 273 West 125th st., 252 1st av.
Jan. 14—Clothing, &c., pledged to Jan. 7, 1908,
to No. 83707, inclusive.—B. Fox, 72 8th av.

SOBEL & CVPRESS. Ell Sobel. Auctioneer, 98 Bowery, sells 10 A. M.:
Jan, 11—Clothing: Sol Unger, 171 Amsterdam av.
Jan, 12—Jewelry; Geo. G. Isaaca, 1833 5d av.
Jan, 18—Jewelry; estate of C. Sobel, 57 ist av.
Jan, 14—Jewelry; Sobel Bros, 522 Col. Av.
Jan, 16—Jewelry; Sobel Bros, 522 Col. Av.
Jan, 16—Jewelry; Sol Unger, 171 Amsterdam av.

CENTRAL AUCTION CO. Wm. McCarty, Auctioneer, 160 Canal st. soils 10 A. M.: Jan. 18—By R. Freel, 20 New Chambers st., and Berger Pros. 460 ch av., 204 W. 42d st.; clothing and furs pledged to Jan. 4, 1908. HELP WANTED-FEMALE. FLOWER AND FEATHER WORKERS.

Experienced hands on flowers and feathers branchers and improvers for the weeks good, steady position to competent people. April HEWLETT-ROBIN CO., 264-200 Broadway.

HELP WANTED-MALE.

PROMINENT BANKING HOUSE desires services of a thoroughly competent German correspondent; must know English and French state particulars of former positions. reference and salary expected. H. K., box 100 Sun office. TWINE SALESMAN-City, by large concernate experience. J., box 102 Sun office. WANTED—A salesman, acquainted in the city, to represent first-class food product; will stars with \$100 per month salary, with opportunity for proper man to work into a permanent business. Address with references, H. l., box 100 Sun office.

WANTED—A manager for city sales force; salary \$100 per month; must be good salesmen, well acquainted with city. Address with full ref-erences B. V., boz 108 Sun effice.

STENOGRAPHER Have bad perfect steno-graphic education; can meet any reasonable re-quirements. Miss CHUTE, care Buchanan, Hon-man Arms. Sets. st. and Madhon av. STENOGRAPHER—Have had perfect atense graphic education; can meet any reasonable re-quirements. Miss REMSEN, 605 Madison and phone 2003 -Placa.